

## **Vernier caliper**



The Vernier Caliper employs a sliding scale mechanism that allows for measurements with remarkable precision. The main scale, marked on the caliper's body, provides the primary measurement reading. Complementing this is the Vernier scale, a secondary scale that slides alongside the main scale. The alignment of these two scales facilitates highly accurate measurements down to fractions of a millimeter or inch, depending on the caliper's unit of measurement.

The Vernier Caliper finds extensive use in fields such as engineering, manufacturing, construction, woodworking, and science laboratories. Its ability to provide precise measurements across various dimensions makes it indispensable for tasks ranging from quality control in manufacturing to fine arts and crafts.

1. Inch or metric graduations
2. carbon steel or stainless steel

## **High Accuracy Digital caliper**



The High Accuracy Digital Caliper takes the precision of traditional calipers to the next level through its advanced digital display. This display provides clear and instant readings, eliminating the potential for human error associated with interpreting traditional Vernier scales. With a high-resolution screen, measurements can be read in decimals or fractions, depending on the user's preference and needs.

1. Plastic display case
2. Accuracy:  $\pm 0.001"$  /  $\pm 0.03\text{mm}$
3. Conversion: Metric / Inch System interchange

## **Dial caliper**



The Dial Caliper's distinguishing feature is its analog dial indicator, which provides direct readings of measurements. As the jaws of the caliper move, the dial needle rotates, indicating the measurement on a clear and easily readable dial face. This feature eliminates the need for manual interpolation and enhances accuracy in measurements.

1. Steel construction caliper 6" dial
2. Accuracy:  $\pm 0.02\text{mm}$

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